

### Abstract

Providing a digital camera capable of transmitting information on the compression of dynamic range to a printer while it is being transparent to the user whether the image data has been recorded in a wide dynamic range.

The digital camera has a feature to photograph a subject and record the image data onto a recording medium in a dynamic range wider than that required for printing, the digital camera further having a feature to store tag information into an image file, together with the image data, and record the image file onto the recording medium, the tag information including: range compression information indicating whether dynamic range compression has been made; maximum range information indicating the maximum subject reflection factor before and after the dynamic range compression; and knee point information indicating the subject reflection factor assumed when the dynamic range compression was made.